

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

1-15. (cancelled)

16. (withdrawn) A pharmaceutical composition comprising Pediocin A in combination with at least one of bacterial strains selected from the group consisting of:

Pediococcus pentosaceus FBB61, ATCC 43200;

Pediococcus pentosaceus FBB63;

Pediococcus pentosaceus L7230, ATCC 43201.

17. (withdrawn) A pharmaceutical composition according to claim 16, comprising a mixture consisting of Pediocin A and one of bacterial strains selected from the group consisting of:

Pediococcus pentosaceus FBB61, ATCC 43200;

Pediococcus pentosaceus FBB63;

Pediococcus pentosaceus L7230, ATCC 43201.

18. (withdrawn) A pharmaceutical composition according to claim 17, comprising a mixture consisting of Pediocin A and *Pediococcus pentosaceus* FBB61, ATCC 43200.

19. (withdrawn) A pharmaceutical composition according to claim 16, further comprising Pediocin A analogous molecules.

20. (currently amended) A method for increasing the health of an intestine of a monogastric species, the method comprising administering to said species an effective amount of a pharmaceutical composition comprising of feeding a swine or poultry, comprising the steps of:

a) providing an animal feed;

b) adding previously isolated Pediocin A to said feed in a concentration effective to increase the growth rate of said swine or poultry; and

c) feeding said feed to said swine or poultry in combination with at least one bacterial strain selected from the group consisting of:

— *Pediococcus pentosaceus* FBB61, ATCC 43200;

— *Pediococcus pentosaceus* FBB63; and

_____ *Pediococcus pentosaceus* L7230, ATCC 43201,
said amount being effective to increase the health of said intestine, said Pediocin A being
present in said composition independently from said bacterial strain.

21-28. (cancelled)

29. (new) The method of claim 20, wherein said Pediocin A is added to said feed at a
concentration of 1 to 10000 AU per ml or g of feed.

30. (new) The method of claim 20, wherein said Pediocin A is added to said feed at a
concentration of 160 AU/ml of feed.

31. (new) The method of claim 20, wherein step b also includes adding *Pediococcus*
pentosaceus FBB61 bacteria to said feed.